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	IBM Technical Disclosure Bulletins	
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<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
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L11	L10 NOT L9	20	L11
L10	L6 and 705/\$.ccls. and @PD>20060821	32	L10
L9	(L8 or L7) and 705/\$.ccls. and @PD>20060821	12	L9
L8	L5 WITH (upload\$3 or transmit\$4 or transmission or customer or consumer or buyer or purchaser or receiv\$3 or send\$3 or sent)	5277	L8

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<u>L7</u>	L6 SAME ((upload\$3 or transmit\$4 or transmission or customer or consumer or buyer or purchaser or receiv\$3 or send\$3 or sent) NEAR7 scale)	3508	<u>L7</u>
<u>L6</u>	L5 SAME (upload\$3 or transmit\$4 or transmission or customer or consumer or buyer or purchaser or receiv\$3 or send\$3 or sent)	12034	<u>L6</u>
<u>L5</u>	scale NEAR9 (image or display\$3)	60675	<u>L5</u>
<u>L4</u>	(scale NEAR9 (image or display\$3)) and @PD>20060821	5666	<u>L4</u>
<u>L3</u>	345/654.ccls. or 345/665.ccls. or 345/680.ccls.	57	<u>L3</u>
<u>L2</u>	(705/26.ccls. or 705/27.ccls.) and @PD>20060821	701	<u>L2</u>
<u>L1</u>	(345/619.ccls. or 345/624.ccls. or 345/629.ccls. or 345/653.ccls. or 345/664.ccls. or 345/679.ccls.) and @PD>20060821	334	<u>L1</u>

END OF SEARCH HISTORY

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4/20/2007

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Set Items Description

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S3 0 S S1(5N)S2

S4 2 S S1(S)S2

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**File 624: Homeland Security & Defense and 9 Platt energy journals added Please see HELP NEWS624 for more*

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4/3,K/1 (Item 1 from file: 20) [Links](#)
Dialog Global Reporter
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51610331 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Chiho Aoshima's 'Underground' art

YOMIURI SHIMBUN/DAILY YOMIURI
September 23, 2006
Journal Code: FYOM **Language:** English **Record Type:** FULLTEXT
Word Count: 709
(USE FORMAT 7 OR 9 FOR FULLTEXT)

...exactly how it was going to be, and there are parts that are very unexpected **once seen full-scale**. So, it is a very strange feeling to be here to see the actual full...

4/3,K/2 (Item 1 from file: 148) [Links](#)
Gale Group Trade & Industry DB
(c)2007 The Gale Group. All rights reserved.
10163618 **Supplier Number:** 20160873 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Object lesson: artist and designer Lauder Bowden meditates on the nature of things.(Forum: Painting)

Rimanelli, David
Interior Design , v68 , n12 , p33(1)
Oct , 1997
ISSN: 0020-5508
Language: English
Record Type: Fulltext; Abstract
Word Count: 371 **Line Count:** 00032

...barest suggestion of three-dimensional space. These images are at once elegant and ghostly. The **objects illustrated** seem to have passed out of the world of everyday use and into a never...

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[File 434] **SciSearch(R) Cited Ref Sci** 1974-1989/Dec

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S1	2169	(SUPERIMPOS? OR IMPOSE OR PLACE()UPON OR SET()OVER OR SET()ABOVE OR LAY() (?ON? OR DOWN OR ABOVE OR OVER) OR INCORPORATE()INTO OR SEEN(2N) (ONCE OR SAME()TIME OR TOGETHER)) (5N) (RULER? ? OR YARDSTICK? ? OR MEASUR??? OR SCALE) FROM 2, 6, 8, 34, 35, S2 109242 S (COMMODIT? OR MARCHANDI? OR PRODUCT? ? OR ITEM? ? OR ORDER? OR GOODS OR STOCK OR THING? ? OR OBJECT? ?) (2N) (IMAGE? OR GRAPHIC? OR PICTURE? ? OR ILLUSTRAT? OR (ELECTRONIC OR E OR ONLINE OR ON()LINE OR INTERNET OR MACHINE()READABLE OR DIGITAL OR DIGITALI??? OR COMPUTERI? OR PIXEL OR VECTOR) (5N) (IMAGE? ? OR PICTURE? OR GRAPHIC? OR PHOTOGRAPH??? OR PHOTO? ?)))
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S4	2	S S3 NOT PY>2001\
S5	3	S S1(20N)S2
S6	1	S S5 NOT S4

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[File 144] **Pascal 1973-2007/Apr W2**

4/3,K/1 (Item 1 from file: 2) [Links](#)

INSPEC

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06559689 INSPEC Abstract Number: B9705-7320C-061, C9705-5260-071

Title: Modelling of a range finder based on neural networks

Author Barat, C.; Chekhar, Y.; Colle, E.

Author Affiliation: CEMIF Syst. Complexes, Evry, France

Conference Title: Symposium on Robotics and Cybernetics. CESA '96 IMACS Multiconference. Computational Engineering in Systems Applications p. 554-9

Publisher: Gerf EC Lille - Cite Scientifique, Lille, France

Publication Date: 1996 **Country of Publication:** France 943 pp.

ISBN: 2 9510266 1 7 **Material Identity Number:** XX97-00803

Conference Title: Symposium on Robotics and Cybernetics. CESA '96 IMACS Multiconference. Computational Engineering in Systems Applications

Conference Date: 9-12 July 1996 **Conference Location:** Lille, France

Language: English

Subfile: B C

Copyright 1997, IEE

Abstract: ...correction is evaluated for 1D and 2D range scanings. The resolution improvement is shown by superimposing the measured range image onto the object B-Rep of the same environment.

4/3,K/2 (Item 1 from file: 144) [Links](#)

Pascal

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12955884 PASCAL No.: 97-0231659

Modelling of a range finder based on neural networks

Symposium on robotics and cybernetics : Lille, July 9-12, 1996

BARAT C; CHEKHAR Y; COLLE E

CEMIF Systemes Complexes, 40 Rue du Pelvoux, 91 020 Evry, France

International Association for Mathematics and Computers in Simulation, Liege, Belgium.

CESA'96 IMACS Multiconference : computational engineering in systems applications (Lille FRA) 1996-07-09

1996 554-559

Publisher: Gerf EC Lille, Villeneuve d'Ascq

Language: English

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... correction is evaluated for 1D and 2D range scanings. The resolution improvement is shown by superimposing the measured range image onto the object B-Rep of the same environment.

6/3,K/1 (Item 1 from file: 2) Links

INSPEC

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07703061 **INSPEC Abstract Number:** B2000-10-6135-237, C2000-10-5260B-306

Title: Nonlinear image processing using alternative orderings

Author Evans, C.J.; Svalbe, I.D.; Jones, R.

Author Affiliation: Dept. of Phys., Monash Univ., Clayton, Vic., Australia

Conference Title: DICTA'97 and IVCNZ'97. Proceedings of the First Joint Australia and New Zealand Biennial Conference on: Digital Image and Vision Computing - Techniques and Applications. DICTA'97. Digital Image Computing - Techniques and Applications. IVCNZ'97. Image and Vision Computing New Zealand p. 177-82

Publisher: Massey Univ , Palmerston North, New Zealand

Publication Date: 1997 **Country of Publication:** New Zealand vi+588 pp.

ISBN: 0 473 04947 3 **Material Identity Number:** XX-2000-00772

Conference Title: Proceedings of First Joint Australia and New Zealand Biennial Conference on Digital Image and Vision Computing: Techniques and Applications. DICTA'97. IVCNZ'97

Conference Date: 10-12 Dec. 1997 **Conference Location:** Auckland, New Zealand

Language: English

Subfile: B C

Copyright 2000, IEE

Abstract: ...the extreme of the range of values in the noisy image. In this paper we **impose** some example alternative grey **scale** orderings with the aim of allowing a single idempotent morphological closing to filter both salt and pepper noise from an **image**. Alternative **orderings** are worthy of consideration for other applications; they are potentially useful in the area of...

Set	Items	Description
S1	1240144	S (IMAGE? OR GRAPHIC? OR PHOTO? OR PICTURE? ? OR DEPICTION? OR JPG OR JPEG OR GIF OR BMP OR BITMAP OR ILLUSTRAT? OR REPRESENTATION? ? OR PORTRAY??? OR VISUAL? OR PHOTOGRAPH?? OR BITMAP OR PNG OR TIF OR TIFF OR PICT OR TGA OR ((ELECTRONIC OR E OR ONLINE OR ON())LINE OR INTERNET OR MACHINE()READABLE OR DIGITAL OR DIGITALI??? OR COMPUTERI? OR PIXEL OR VECTOR) (5N) (IMAGE? ? OR PICTURE? OR GRAPHIC? OR PHOTOGRAPH??? OR PHOTO? ?)) (3N) (COMMODIT? OR MARCHANDI? OR PRODUCT? ? OR ITEM? ? OR ORDER? OR GOODS OR WARE OR WARES OR ARTICLE? ? OR PIECE? ? OR STOCK OR ARTICLE? ? OR THING? ? OR OBJECT? ? OR PHOTO? ? OR PHOTOGRAPH? ? OR SOUVENIR? OR MEMORABILIA)
S2	52566	S S1(3N) (COMPARE? OR COMPARING OR COMPAR? OR CONTRAST? OR SIMILAR? OR ANALY?)
S3	23538023	S SCALE? OR RULER? ? OR METER? OR CALIBRATE? OR. COMPAR? OR ESTIMAT? OR GAUG? OR SIZE? OR MEASUR? OR YARDSTICK? ?
S4	16551	S S2(5N)S3
S5	724	S S4(10N) (BACKGROUND? OR BACKDROP? OR COLOR OR ENVIRONMENT? OR DISPLAY? OR SCENE? OR ROOM? OR WALL OR DICOR? OR INTERIOR? OR VIRTUAL()MODEL?)
S6	15	S S5(10N) (ANGLE? OR POINT?(2N)VIEW? OR VIEWPOINT? OR POSITION? OR DIRECTION? OR PERSPECTIVCE? OR ORIENTATION?)
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S8	9	RD (unique items)
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07694181 **INSPEC Abstract Number:** C2000-10-7250R-019

Title: Fast visual search using focused color matching. Active search

Author Murase, H.; Vinod, V.V.

Author Affiliation: NTT Basic Res. Labs., Atsugi, Japan

Journal: Systems and Computers in Japan vol.31, no.9 p. 81-8

Publisher: Scripta Technica ,

Publication Date: Aug. 2000 **Country of Publication:** USA

CODEN: SCJAEP **ISSN:** 0882-1666

SICI: 0882-1666(200008)31:9L:81:FVSU;1-4

Material Identity Number: J969-2000-009

Language: English

Subfile: C

Copyright 2000, IEE

Abstract: ...difficult. This paper describes a method of fast active search for an object and its **position** in an image by using the **color** histogram, which is stable to variations of shape of the **object**. When the input **image** of an **object** is **compared** with its reference image, the upper limit of the similarity in the image region is ...

8/3,K/2 (Item 2 from file: 2) [Links](#)

Fulltext available through: [USPTO Full Text Retrieval Options](#)
INSPEC

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02577105 **INSPEC Abstract Number:** A80094440

Title: Air flow patterns in the operating theatre

Author Howorth, F.H.

Author Affiliation: Howorth Air Engng. Res. Lab., Chorley, UK

Journal: Hospital Engineering vol.34, no.2 p. 25-9

Publication Date: March 1980 **Country of Publication:** UK

CODEN: HSEGA5 **ISSN:** 0309-7498

Language: English

Subfile: A

Abstract: ...exhaled anaesthetic gases are the two contaminants found in the air flow patterns of operating **rooms**. Their origin, **direction** and speed were **illustrated** by a motion **picture** using schlieren **photography** and smoke tracers. **Compared** with a conventionally well air-conditioned operating theatre, it was shown that a downward flow ...

8/3,K/3 (Item 1 from file: 6) [Links](#)

Fulltext available through: [Check for PDF Download Availability and Purchase](#)
NTIS

(c) 2007 NTIS, Intl Cpyrght All Rights Res. All rights reserved.0188511 **NTIS Accession Number:** AD-688967/XAB

Effect of Disparity in Photo Scale and Orientation on Change Detection

(Technical research note)

Klingberg, C. L. ; Elworth, C. L. ; Birnbaum, A. H.

Boeing Co Seattle Wash

Corporate Source Codes: 059600

Report Number: BESRL-TRN-206

Jan 69 41p

Journal Announcement: USGRDR6916

Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

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...is most complete and reports on target change detected are more accurate when the aerial **photos compared** are the same **scale** and are **displayed** with a common **directional orientation**. Significant decrement in completeness and accuracy is normally associated with additional increments of scale disparity...

8/3,K/4 (Item 1 from file: 34) [Links](#)

Fulltext available through: [USPTO Full Text Retrieval Options](#)

SciSearch(R) Cited Ref Sci

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03557518 **Genuine Article#:** PM510 **No. References:** 74

IMAGE-ANALYSIS OF THE TAPETAL-LIKE REFLEX IN CARRIERS OF X-LINKED RETINITIS-PIGMENTOSA

Author: CIDECIYAN AV; JACOBSON SG

Corporate Source: UNIV MIAMI,SCH MED,BASCOM PALMER EYE INST,DEPT OPHTHALMOL,1638 NW 10TH AVE/MIAMI//FL/33136

Journal: INVESTIGATIVE OPHTHALMOLOGY & VISUAL SCIENCE , 1994 , V 35 , N11 (OCT) , P 3812-3824

ISSN: 0146-0404

Language: ENGLISH **Document Type:** ARTICLE (Abstract Available)

Abstract: ...system was used to restore the digital retinal images. TLR was separated from the retinal **background** with an automated segmentation method. Mathematical morphology was used to **estimate directional** properties.

Images from serial **photos** were registered and **compared** to study temporal progression.

Results. Quantitative analysis of well-focused funduscopy images show point-like...

8/3,K/5 (Item 1 from file: 35) [Links](#)

Dissertation Abs Online

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1067754 ORDER NO: AAD89-13384

RECOGNITION OF PARTIALLY OCCLUDED OBJECTS USING A VISION SYSTEM

Author: JANG, DONGSIG

Degree: PH.D.

Year: 1988

Corporate Source/Institution: TEXAS A&M UNIVERSITY (0803)

Source: Volume 5004B of Dissertations Abstracts International.

PAGE 1589 . 99 PAGES

...procedure, a pattern matching scheme is developed to inspect non-occluded objects in an industrial environment. The inspection includes dimensional verification and shape matching which compares a 2-dimensional image of an object to a pattern image. A heuristic axis of orientation which has almost the same rotation accuracy as the axis of least inertia is also...

8/3,K/6 (Item 1 from file: 103) [Links](#)

Energy SciTec

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01468810 EDB-84-166616

Title: A photographic technique to compare the quality of light between architectural lighting models and their prototype room

Author(s): Siebein, G.W.; Rozear, C.E.

Affiliation: Univ. of Florida, Gainesville, FL

Conference Title: 6. Miami international conference on alternative energy sources

Conference Location: Miami Beach, FL, USA **Conference Date:** 12 Dec 1983

Source: Alternative Energy Sources (United States) **Coden:** ALESD

Publication Date: Dec 1983 p 596-597

Report Number(s): CONF-831205-

Language: English

Abstract: ...in their prototype rooms. Many daylight model studies have been published in recent years with comparative photographs depicting the quality of light in models and their prototype rooms. From a perceptual point of view, these photographs rarely show reasonable degrees of similarity.

8/3,K/7 (Item 1 from file: 144) [Links](#)

Pascal

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14972577 PASCAL No.: 01-0125790

Evaluation of digital and film hemispherical photography and spherical densiometry for measuring forest light environments

ENGLUND Sylvia R; O'BRIEN Joseph J; CLARK David B

La Selva Biological Station, Apartado 676-2050, San Pedro, Costa Rica;
Department of Biological Sciences, Florida International University, Miami,
FL 33199, United States; Department of Biology, University of Missouri-St.
Louis, St. Louis, MO 63121, United States

Journal: Canadian journal of forest research : (Print)

, 2000, 30 (12

) 1999-2005

Language: English Summary Language: French

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English Descriptors: Physical **environment**; Light; Phytoclimate;
Vegetation structure; **Measurement** method; **Image**
analysis; Densitometry; **Photographic** film; **Digital**
image; **Photogrammetry**; **Wide angle photography**
; Canopy(vegetation); Opening; Tropical forest; Costa Rica; Comparative
study; Method study; Field study; digital photography

8/3,K/8 (Item 1 from file: 275) [Links](#)

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01208668 **Supplier Number: 04700896 (Use Format 7 Or 9 For FULL TEXT)**

The new standard. (Hardware Review) (Compaq Deskpro 386.) (evaluation)

Armbrust, Steven; Forgeron, Ted

PC Tech Journal , v5 , n3 , p48(14)

March , 1987

Document Type: evaluation

ISSN: 0738-0194

Language: ENGLISH **Record Type:** FULLTEXT; ABSTRACT

Word Count: 9684 **Line Count:** 00729

...is 19-3/4 inches by 16-1/2 inches by 6-1/4 inches. **Photo 1**
compares its footprint with that of an AT.

Like the Deskpro 286, the Deskpro 386 includes...

...unattractive key-lock switch on the front of the system unit, with
barely readable switch **positions**. It also has the on/off switch
positioned on the rear panel of the unit where it is difficult to
find. The two machines share the convenient feature of a two-**color**
drive light that shines green when accessing a 1.2MB diskette and red when
accessing...

...alleviated by tilting up the keyboard on its legs and placing the excess
cable underneath. **Photo 2 compares** Compaq's enhanced keyboard
with that of IBM.

With the Deskpro 386, Compaq offers its...

8/3,K/9 (Item 1 from file: 696) [Links](#)

DIALOG Telecom. Newsletters

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00666304

COLUMBIA TRISTAR SETS MAMMOTH 'GHOSTBUSTERS' SE

DVD REPORT

April 19, 1999 Vol.: 4 Issue: 16 Document Type: NEWSLETTER

Publisher: PHILLIPS BUSINESS INFORMATION

Language: ENGLISH **Word Count:** 570 **Record Type:** FULLTEXT

(c) PHILLIPS PUBLISHING INTERNATIONAL All Rts. Reserv.

Text:

...featurettes," a new interview with the original visual effects team, storyboard-to-film comparisons, multi-angle "before-and-after" special effects **comparisons**, still **photo** galleries, 10 deleted **scenes**, and theatrical trailers for four Bill Murray movies, including Ghostbusters and Ghostbusters II. The DVD...

9/3,K/1 (Item 1 from file: 2) [Links](#)

Fulltext available through: [USPTO Full Text Retrieval Options](#)

INSPEC

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09070741 **INSPEC Abstract Number:** A2004-19-4230-019, B2004-10-6135-047, C2004-10-5260B-045

Title: A psychophysical experiment evaluating the color and spatial image quality of several multispectral image capture techniques

Author Day, E.A.; Berns, R.S.; Taplin, L.A.; Imai, F.H.

Author Affiliation: Chester F. Carlson Center for Imaging Sci., Rochester Inst. of Technol., NY, USA

Journal: Journal of Imaging Science and Technology vol.48, no.2 p. 93-104

Publisher: Soc. Imaging Sci. & Technol ,

Publication Date: March-April 2004 **Country of Publication:** USA

CODEN: JIMTE6 **ISSN:** 1062-3701

SICI: 1062-3701(200403/04)48:2L:93:PEEC;1-4

Material Identity Number: P571-2004-003

Language: English

Subfile: A B C

Copyright 2004, IEE

Abstract: ...decreasing the number of channels reduces image noise and other spatial artifacts, that is, spatial image quality increases. Two paired comparison psychophysical experiments were performed to scale color and spatial image quality in order to better understand this compromise. Test targets, a watercolor painting, and several dioramas were imaged...

9/3,K/2 (Item 2 from file: 2) [Links](#)

Fulltext available through: [USPTO Full Text Retrieval Options](#)

INSPEC

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06554617 **INSPEC Abstract Number:** B9705-6140C-427, C9705-5260B-261

Title: On measures of dissimilarity between arbitrary gray-scale images

Author Zamperoni, P.; Starovoitov, V.

Author Affiliation: Inst. fur Nachrichtentech., Tech. Univ. Braunschweig, Germany

Journal: International Journal of Shape Modeling vol.2, no.2-3 p. 189-213

Publisher: World Scientific ,

Publication Date: June & Sept. 1997 **Country of Publication:** Singapore

CODEN: IJSMFC **ISSN:** 0218-6543

SICI: 0218-6543(199709&06)2:2/3L:189:MDBA;1-1

Material Identity Number: F086-97001

Language: English

Subfile: B C

Copyright 1997, IEE

Abstract: ...between two binary images, and a few of them extend their scope to the quantitative comparison of isolated objects of gray-scale images. Although the set of dissimilarity measures proposed in this paper is applicable to arbitrary gray...

9/3,K/3 (Item 3 from file: 2) [Links](#)

Fulltext available through: [SPIE - The International Society of Optical Engineering](#) [USPTO Full Text Retrieval Options](#)

INSPEC

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06102043 **INSPEC Abstract Number:** C9512-5260B-390

Title: On geometrical measures of similarity of grey-scale images

Author Starovoitov, V.

Author Affiliation: Inst. of Cybern., Acad. of Sci., Minsk, Byelorussia

Journal: Proceedings of the SPIE - The International Society for Optical Engineering **Conference Title:** Proc. SPIE - Int. Soc. Opt. Eng. (USA) vol.2573 p. 231-42

Publication Date: 1995 **Country of Publication:** USA

CODEN: PSISDG **ISSN:** 0277-786X

U.S. Copyright Clearance Center Code: 0 8194 1932 X/95/\$6.00

Conference Title: Vision Geometry IV

Conference Sponsor: SPIE

Conference Date: 13-14 July 1995 **Conference Location:** San Diego, CA, USA

Language: English

Subfile: C

Copyright 1995, IEE

Abstract: ...two binary images or their parts, but only two papers suggest a measure for a **comparison of objects** of two **grey-scale images**. However, there are numerous applications of a measure for grey-scale images as whole entities...

9/3,K/4 (Item 4 from file: 2) [Links](#)

Fulltext available through: [USPTO Full Text Retrieval Options](#)

INSPEC

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04454538 **INSPEC Abstract Number:** B89065341, C89058475

Title: Automatic inspection of components using profile projection

Author Butler, C.; Duggan, R.

Author Affiliation: Centre for Manuf. Metrol., Brunel Univ., Uxbridge, UK

Journal: Proceedings of the SPIE - The International Society for Optical Engineering vol.1010 p. 166-70

Publication Date: 1989 **Country of Publication:** USA

CODEN: PSISDG **ISSN:** 0277-786X

Conference Title: Industrial Inspection

Conference Sponsor: Eur. Phys. Soc.; Eur. Federation for Appl. Opt.; SPIE

Conference Date: 19-20 Sept. 1988 **Conference Location:** Hamburg, West Germany

Language: English

Subfile: B C

Abstract: ...a manual mode for the inspection of engineering components. Traditionally the projected and enlarged shadow **image** of an **object** is **compared** with a large **scale** transparency of the desired form of an object profile. More recent versions employ digital transducer...

9/3,K/5 (Item 5 from file: 2) [Links](#)

INSPEC

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0000637013 **INSPEC Abstract Number:** 1963B01697

Title: Application of television technique to noncontiguous measurement of length

Author Windischbauer, H.

Journal: Elektronik 10 7 p. 194-196

Publication Date: July 1961 **Country of Publication:** Germany

Language: German

Subfile: B

Copyright 2004, IEE

Abstract: ...its pulse count being proportional to the measured length. Various arrangements are briefly described and **illustrated** by diagrams, including a visual **comparison** of the **object** against a **scale** and a system of tolerance check, the camera replacing a rigidly mounted microscope. Eight patents...

9/3,K/6 (Item 1 from file: 6) [Links](#)

Fulltext available through: [Check for PDF Download Availability and Purchase](#)

NTIS

(c) 2007 NTIS, Intl Cpyrght All Rights Res. All rights reserved.0426141 **NTIS Accession Number:**

E74-10258/XAB

Application of EREP Imagery to Fracture-Related Mine Safety Hazards and Environmental Problems in Mining

(Quarterly progress rept. no. 3, 20 Oct 73-20 Jan 74)

Wier, C. E. ; Wobber, F. J. ; Amato, R. V. ; Russell, O. R.

Indiana Geological Survey, Bloomington.

Report Number: NASA-CR-136586

22 Jan 74 14p

Journal Announcement: GRAI7407

Prepared in cooperation with Earth Satellite Corp., Washington, D.C.

Original contains imagery. Original photography may be purchased from the EROS Data Center, 10th and Dakota Ave., Sioux Falls, S. Dak. 57198. Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A02/MF A01

...by fractures or joint systems could be identified in more detail than with ERTS-1 **imagery of comparable scale**. ERTS-1 mine hazards **products** will be modified to demonstrate the value of this additional data. Skylab images were used...

9/3,K/7 (Item 1 from file: 35) [Links](#)

Dissertation Abs Online

(c) 2007 ProQuest Info&Learning. All rights reserved.

01556305 ORDER NO: AAD97-15647

EFFECTS OF SEPARATION AND DIVORCE ON THE JUNIOR HIGH AGE CHILD'S CONCEPT OF GOD

Author: KAUFFOLD-ENTNER, RUTH ELIZABETH
Degree: PH.D.
Year: 1997
Corporate Source/Institution: THE UNION INSTITUTE (1033)
Source: Volume 5712B of Dissertations Abstracts International.
PAGE 7731 . 104 PAGES

...items compared, a frequency table was created. To address the research hypothesis, the three God Image scale total sum scores were **compared** to particular **items** in the Student Questionnaire.

The primary question of interest was whether divorce would have an...

9/3,K/8 (Item 2 from file: 35) [Links](#)
Dissertation Abs Online
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01431363 ORDER NO: AADAA-I9529024

EFFECTS OF MOTIVATIONAL ORIENTATION AND FAILURE ON TEST PERFORMANCE OF MENTALLY RETARDED AND NONRETARDED CHILDREN

Author: YORK, KATHERINE LEIGH
Degree: PH.D.
Year: 1995
Corporate Source/Institution: VANDERBILT UNIVERSITY (0242)
Source: Volume 5605B of Dissertations Abstracts International.
PAGE 2893 . 61 PAGES

...the same second subtest, using standard administration procedures, and their scores from this subtest were **compared** across groups. The **Picture Motivation Scale** was also administered in **order** to determine each child's motivational orientation, which was included as a separate variable. Results...

9/3,K/9 (Item 3 from file: 35) [Links](#)
Dissertation Abs Online
(c) 2007 ProQuest Info&Learning. All rights reserved.
01339952 ORDER NO: AADMM-81668
TESTING FOR PREFERENCE OF RATING SCALE FORMAT

Author: NIMCHUK, ARLEN M.
Degree: M.A.
Year: 1993
Corporate Source/Institution: THE UNIVERSITY OF MANITOBA (CANADA) (0303)
Source: Volume 32/02 of MASTERS ABSTRACTS. of Dissertations Abstracts International.
PAGE 734 . 67 PAGES
ISBN: 0-315-81668-6

...rating formats on the measures of the university concepts. Subjects usually preferred the discrete rating **scale**

when **compared** with the two **graphic** rating scales. **Order** of presentation of scaling formats was found to affect subjects' preference for rating scale format.

9/3,K/10 (Item 4 from file: 35) [Links](#)

Dissertation Abs Online

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835061 ORDER NO: AAD84-04835

HI-RO: A TEST FOR HEMISPHERE INPUT-RESPONSE ORIENTATION

Author: LUX, TERESE

Degree: PH.D.

Year: 1983

Corporate Source/Institution: THE UNIVERSITY OF NEBRASKA - LINCOLN (0138)

Source: Volume 4411A of Dissertations Abstracts International.

PAGE 3329 . 211 PAGES

...interactive scale between cultural groups (38 Native American and Hispanic adults and 125 Whites).

By **comparing** scale selection for HI-RO **picture/nonpicture items** and for HI-RO picture items with a random selection of SOLAT nonpicture items, significant...

9/3,K/11 (Item 1 from file: 56) [Links](#)

Fulltext available through: [SPIE - The International Society of Optical Engineering](#) [USPTO Full Text Retrieval Options](#)

Computer and Information Systems Abstracts

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0000454891 IP Accession No: 200607-66-36732

Multiclass classification and recognition method for a Chinese human face

Liu, Jiamin; Li, Weihong; Gong, Weiguo; Liang, Yixiong; Zhang, Hongmei

Proceedings of SPIE , v SPIE-5404 , p 453-461

Publication Date: 2004

Conference:

Biometric Technology for Human Identification , Orlando, FL , USA , 12-13 Apr. 2004

Document Type: Conference Paper; Journal Article

Record Type: Abstract

Language: English

ISSN: 0277-786X

ISBN: 0819453277

Report No: SPIE-5404

File Segment: Computer & Information Systems Abstracts

Abstract:

...fact, the recognition time will drastically increase as the number of human-face increases. In **order** to improve the

recognition rates, we can firstly classify the large-scale facial **image** database into several **comparatively** small classes with specific criterion, and then begin recognition in the next step. If the...

9/3,K/12 (Item 2 from file: 56) [Links](#)

Fulltext available through: [USPTO Full Text Retrieval Options](#)

Computer and Information Systems Abstracts

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0000296791 IP Accession No: 0289156

Fast weighted universal transform coding: toward optimal, low complexity bases for image compression

Effros, Michelle California Inst of Technology, Pasadena, CA, USA

DATA COMPRESSION CONF PROC , p 211-220 , 1997

Publication Date: 1997

Publisher: IEEE, PISCATAWAY, NJ, (USA)

Conference:

The 1997 Data Compression Conference, DCC'97 , Snowbird, UT , USA , 25-27 Mar. 1997

Document Type: Conference Paper; Journal Article

Record Type: Abstract

Language: English

ISSN: 1068-0314

File Segment: Computer & Information Systems Abstracts

Abstract:

...the first algorithm, called a fast WUTC (FWUTC), complexity is controlled by controlling the maximum **order** of each transform. On a sequence of combined text and gray-scale **images**, the FWUTC achieves performance **comparable** to the WUTC at 1/32 the complexity. In the second algorithm, called a jointly...

9/3,K/13 (Item 1 from file: 95) [Links](#)

TEME-Technology & Management

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00979722 E96047175062

Two- versus three-dimensional object-based coding

(Zwei- versus dreidimensionale objektbasierte Codierung)

Tekalp, AM; Altunbasak, Y; Bozdagi, G

Univ. of Rochester, USA

Visual Communications and Image Processing 95, Part 1, Taipei, RC, May 24-26, 1995 , 1995

Document type: Conference paper **Language:** English

Record type: Abstract

Descriptors: IMAGE CODING; VIDEO TRANSMISSION; **COMPUTERISED PICTURE PROCESSING**; MOTION COMPENSATION; **COMPARISON OF SYSTEMS**; SYSTEM PARAMETERS; LARGE SCALE MODEL; **OBJECT RECOGNITION**; S N RATIO; DATA SIGNALLING RATE; IMAGE QUALITY; CALCULATING TIME; MODEL SIMULATION; PROJECTION; IMAGE...

9/9/14 (Item 2 from file: 95) [Links](#)

TEME-Technology & Management

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00620422 192039231937

Model based recognition of specular objects using sensor models

(Modellbasierte Erfassung spiegelnder Objekte unter Verwendung von Sensormodellen)

Sato, K; Ikeuchi, K; Kanade, T

Osaka Univ., Toyonaka, Japan

Workshop on Directions in Automated CAD-Based Vision., 2-3 June 1991, Maui, HI, USA , 1991

Document type: Conference paper **Language:** English

Record type: Abstract

ISBN: 0-8186-2147-8

Abstract:

The authors present a model-based object recognition system for specular objects. Objects with specular surfaces present a problem for computer vision. Simulating object appearances by using the sensor model, and the object model allows us to predict specular features, and to analyze the detectability and reliability of each feature. The system generates a set of aspects of the object. By precompiling the aspects with the feature detectability and the feature reliability, the system prepares adaptable matching templates. At the runtime, an input image is first classified into a few candidate aspects. A deformable template matching finds the best match among them. This method is applicable to multiple objects simply by changing object and sensor models. Experimental results using two kinds of objects and sensors are presented: a TV image of a shiny object and a synthetic aperture radar (SAR) image of an airplane. The results show the flexibility of the proposed model based approach.

Descriptors: DIGITAL SIMULATION; MEASURING FEELERS; LARGE SCALE MODEL; **OBJECT** RECOGNITION; REFLECTION; **COMPARISON** MEASUREMENT; ARTIFICIAL VISION; **COMPUTERISED** PICTURE PROCESSING; **COMPUTERISED** PATTERN RECOGNITION; **IMAGE** SENSORS; SOLID MODELLING; SYNTHETIC APERTURE RADAR

Identifiers: SPECULAR OBJECTS; SENSOR MODELS; OBJECT RECOGNITION SYSTEM; SPECULAR SURFACES; OBJECT MODEL; FEATURE DETECTABILITY; FEATURE RELIABILITY; MATCHING TEMPLATES; SHINY OBJECT; Sensormodell; Objekterfassung; Spiegel

d s

Set Items Description

S1 3069205 S (IMAGE? OR GRAPHIC? OR PHOTO? OR PICTURE? ? OR DEPICTION? OR JPG OR JPEG OR GIF OR BMP OR BITMAP OR ILLUSTRAT? OR REPRESENTATION? ? OR PORTRAY??? OR VISUAL? OR PHOTOGRAPH?? OR BITMAP OR PNG OR TIF OR TIFF OR PICT OR TGA OR ((ELECTRONIC OR E OR ONLINE OR ON()LINE OR INTERNET OR MACHINE()READABLE OR DIGITAL OR DIGITALI??? OR COMPUTERI? OR PIXEL OR VECTOR)(5N)(IMAGE? ? OR PICTURE? OR GRAPHIC? OR PHOTOGRAPH??? OR PHOTO? ?)))(3N)(COMMODIT? OR MARCHANDI? OR PRODUCT? ? OR ITEM? ? OR ORDER? OR GOODS OR WARE OR WARES OR ARTICLE? ? OR PIECE? ? OR STOCK OR ARTICLE? ? OR THING? ? OR OBJECT? ? OR PHOTO? ? OR PHOTOGRAPH? ? OR SOUVENIR? OR MEMORABILIA)

S2 27182 S S1(3N)(COMPARE? OR COMPARING OR COMPAR? OR CONTRAST? OR SIMILAR? OR ANALY?)

S3 24409434 S SCALE? OR RULER? ? OR METER? OR CALIBRATE? OR COMPAR? OR ESTIMAT? OR GAUG? OR SIZE? OR MEASUR? OR YARDSTICK? ?

S4 7750 S S2(5N)S3

S5 809 S S4(10N)(BACKGROUND? OR BACKDROP? OR COLOR OR ENVIRONMENT? OR DISPLAY? OR SCENE? OR ROOM? OR WALL OR DICOR? OR INTERIOR? OR VIRTUAL()MODEL?)

S6 6 S S5(10N)(ANGLE? OR POINT?(2N)VIEW? OR VIEWPOINT? OR POSITION? OR DIRECTION? OR PERSPECTIVCE? OR ORIENTATION?)

S7 6 S S6 NOT PY>2001

S8 21 S (COMMODIT? OR MARCHANDI? OR PRODUCT? ? OR ITEM? ? OR ORDER? OR GOODS OR STOCK OR THING? ? OR OBJECT? ?) (2N)(IMAGE? OR GRAPHIC? OR PICTURE? ? OR ILLUSTRAT? OR ((ELECTRONIC OR E OR ONLINE OR ON()LINE OR INTERNET OR MACHINE()READABLE OR DIGITAL OR DIGITALI??? OR COMPUTERI? OR PIXEL OR VECTOR)(5N)(IMAGE? ? OR PICTURE? OR GRAPHIC? OR PHOTOGRAPH??? OR PHOTO? ?)))(3N)((COMPARE? OR COMPARING OR COMPAR?)(5N)(RULER? ? OR SCALE OR MEASUR? OR YARDSTICK? ?))

S9 18 S S8 NOT PY>2001

S10 15 RD (unique items)

; show files

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(c) 2002 The Gale Group. All rights reserved.
**File 583: This file is no longer updating as of 12-13-2002.*

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(c) 2007 The Gale Group. All rights reserved.

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(c) 2007 McGraw-Hill Co. Inc. All rights reserved.
**File 624: Homeland Security & Defense and 9 Platt energy journals added Please see HELP NEWS624 for more*

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(c) 2007 The Gale Group. All rights reserved.

[File 647] **CMP Computer Fulltext** 1988-2007/Jul W1
(c) 2007 CMP Media, LLC. All rights reserved.

[File 674] **Computer News Fulltext** 1989-2006/Sep W1
(c) 2006 IDG Communications. All rights reserved.
**File 674: File 674 is closed (no longer updates).*

[File 696] **DIALOG Telecom. Newsletters** 1995-2007/Apr 19
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7/3,K/1 (Item 1 from file: 15) [Links](#)

ABI/Inform(R)

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00656143 93-05364

Internal Combustion Engine Design on IBM Platforms

Papetti, Francesco; Golini, Stefano; Maggiore, Marco; Succi, Sauro; Gaillard, Philippe; Perez, Jean-Michel

IBM Systems Journal v31n4 pp: 774-787

1992

ISSN: 0018-8670 Journal Code: ISY

Word Count: 6171

Text:

...holes, which are given in the KIVA-II input file in the uneasy form of angles.

A comparison between experimental photographs and color hard copies of the workstation screen during the calculations is not so straightforward. The high...

7/3,K/2 (Item 1 from file: 16) [Links](#)

Gale Group PROMT(R)

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07034073 Supplier Number: 59511918 (USE FORMAT 7 FOR FULLTEXT)

ASIANET SUMMARY FOR WEDNESDAY, FEB 16, 2000.

AsiaPulse News , p 0698

Feb 16 , 2000

Language: English Record Type: Fulltext

Document Type: Newswire ; Trade

Word Count: 320

...in high quality printed materials. The company said its new 10.4 inch display was positioned to bring a new level of display performance to B5-sized notebook PCs, offering an image comparable with colour photographs.

STRATEGIC PARTNERSHIPS..... TAIPEI:

Lineo, developer of Linux software, has announced "key strategic relationships with six...

7/3,K/3 (Item 1 from file: 20) [Links](#)

Dialog Global Reporter

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09587256 (USE FORMAT 7 OR 9 FOR FULLTEXT)

ASIANET SUMMARY FOR WEDNESDAY, FEB 16, 2000

ASIA PULSE

February 16, 2000

Journal Code: WAPL Language: English Record Type: FULLTEXT

Word Count: 320

(USE FORMAT 7 OR 9 FOR FULLTEXT)

...in high quality printed materials. The company said its new 10.4 inch display was **positioned** to bring a new level of **display** performance to B5-sized notebook PCs, offering an **image comparable** with colour **photographs**.

STRATEGIC PARTNERSHIPS..... TAIPEI:

Lineo, developer of Linux software, has announced "key strategic relationships with six...

7/3,K/4 (Item 1 from file: 148) [Links](#)

Gale Group Trade & Industry DB

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02837059 Supplier Number: 04082215 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Gottesman Hall; reviving the Beaux-Arts tradition at the New York Public Library. (restoration & renovation)

Cooper, Jeffrey

Interior Design , v57 , p232(6)

Jan , 1986

ISSN: 0020-5508

Language: ENGLISH

Record Type: FULLTEXT

Word Count: 1130 Line Count: 00093

...were designed to be neutral elements within the hall's ornate scheme. They can be **positioned** at various points in the **room**. The marble tile floor was designed to complement the **similarly scaled** ceiling.

Photo: Right: The hall's simple vocabulary of architectural elements forms a series of powerful visual...

7/3,K/5 (Item 1 from file: 275) [Links](#)

Gale Group Computer DB(TM)

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01208668 Supplier Number: 04700896 (Use Format 7 Or 9 For FULL TEXT)

The new standard. (Hardware Review) (Compaq Deskpro 386.) (evaluation)

Armbrust, Steven; Forgeron, Ted
PC Tech Journal , v5 , n3 , p48(14)
March , 1987

Document Type: evaluation

ISSN: 0738-0194

Language: ENGLISH **Record Type:** FULLTEXT; ABSTRACT

Word Count: 9684 **Line Count:** 00729

...is 19-3/4 inches by 16-1/2 inches by 6-1/4 inches. **Photo 1 compares** its footprint with that of an AT.

Like the Deskpro 286, the Deskpro 386 includes...

...unattractive key-lock switch on the front of the system unit, with barely readable switch **positions**. It also has the on/off switch **positioned** on the rear panel of the unit where it is difficult to find. The two machines share the convenient feature of a two-**color** drive light that shines green when accessing a 1.2MB diskette and red when accessing...

...alleviated by tilting up the keyboard on its legs and placing the excess cable underneath. **Photo 2 compares** Compaq's enhanced keyboard with that of IBM.

With the Deskpro 386, Compaq offers its...

7/3,K/6 (Item 1 from file: 696) **Links**

DIALOG Telecom. Newsletters

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00666304

COLUMBIA TRISTAR SETS MAMMOTH 'GHOSTBUSTERS' SE

DVD REPORT

April 19, 1999 Vol.: 4 Issue: 16 **Document Type:** NEWSLETTER

Publisher: PHILLIPS BUSINESS INFORMATION

Language: ENGLISH **Word Count:** 570 **Record Type:** FULLTEXT

(c) PHILLIPS PUBLISHING INTERNATIONAL All Rts. Reserv.

Text:

...featurettes," a new interview with the original visual effects team, storyboard-to-film comparisons, multi-**angle** "before-and-after" special effects **comparisons**, still **photo** galleries, 10 deleted **scenes**, and theatrical trailers for four Bill Murray movies, including Ghostbusters and Ghostbusters II. The DVD...

10/3,K/1 (Item 1 from file: 15) [Links](#)

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00918316 95-67708

An international comparative analysis of consumer attitudes toward Canada and Canadian products

Papadopoulos, Nicholas; Heslop, Louise A; Bamossy, Gary

Canadian Journal of Administrative Sciences v11n3 pp: 224-239

Sep 1994

ISSN: 0825-0383 Journal Code: CJA

Word Count: 8805

Text:

...travel, and the practices of Canadian companies).

References

Albaum, G., & Golden, L.L. (1991). Alternative **measurement** formats for multiple **comparisons** across multiple **image objects**: A country **image** application. Journal of Global Marketing, 4(3), 89-121.

ASQC (American Society for Quality Control...

10/3,K/2 (Item 2 from file: 15) [Links](#)

ABI/Inform(R)

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00501912 90-27669

Free Elicitation of Descriptive Adjectives for Tourism Image Assessment

Reilly, Michael D.

Journal of Travel Research v28n4 pp: 21-26

Spring 1990

ISSN: 0047-2875 Journal Code: JTR

Abstract:

...inexpensive way of determining the image that customers or potential customers hold of a tourist **product**. **Compared** to the more complicated **image measurement** methods that have been used in past studies, free elicitation data collection and analysis procedures...

10/3,K/3 (Item 1 from file: 16) [Links](#)

Gale Group PROMT(R)

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08572802 **Supplier Number: 74036160 (USE FORMAT 7 FOR FULLTEXT)**

Research Systems Helps Teach Children With Hands-On Universe.

Business Wire , p 0553

May 3 , 2001

Language: English **Record Type:** Fulltext

Document Type: Newswire ; Trade

Word Count: 1198

...that has instrument noise, such as stray photons or
cosmic ray glitches

-- look at celestial **objects** in 3D

-- plot surfaces

-- **measure** alignment between **images**, to **compare**
the movement of **images** in the
same part of the sky on multiple days

-- measure brightness

-- apply filtering to...

10/3,K/4 (Item 2 from file: 16) [Links](#)

Gale Group PROMT(R)

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04327660 **Supplier Number:** 46343834 (USE FORMAT 7 FOR FULLTEXT)

System for gloss analysis

PPCJ. Polymers Paint Colour Journal , p 55

May , 1996

Language: English **Record Type:** Fulltext

Document Type: Magazine/Journal ; Trade

Word Count: 132

...light emanating from the product sample. It is used to quantify surface
characteristics and monitor **product** consistency. The 801A provides
measurement data, **image** displays, histograms, data
comparisons and internal calibration.

10/3,K/5 (Item 3 from file: 16) [Links](#)

Gale Group PROMT(R)

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03576735 **Supplier Number:** 45029863 (USE FORMAT 7 FOR FULLTEXT)

MULTI-MEDIA

Control and Instrumentation , p 27

Oct , 1994

Language: English **Record Type:** Fulltext

Document Type: Magazine/Journal ; Trade

Word Count: 1722

...be a better alternative than a conventional sensor array. Enhanced video could be used for **measuring** distances, **comparing** **objects** (correlation) and detection (recognition). Also, **images** could be automatically compared.

The advantage of video on the operator station is that images...

10/3,K/6 (Item 4 from file: 16) **Links**

Gale Group PROMT(R)

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03354196 **Supplier Number:** 44647334 (USE FORMAT 7 FOR FULLTEXT)

IC tools target submicron

Electronic Engineering Times , p 82

May 2 , 1994

Language: English **Record Type:** Fulltext

Document Type: Magazine/Journal ; Trade

Word Count: 828

...Users then read in measured data and execute their plans, while running HSpice optimizations in **order** to verify models vs. **measured** data. A **graphical comparison** of I-V curves shows whether a close enough fit is achieved. If not, users...

10/3,K/7 (Item 1 from file: 148) **Links**

Gale Group Trade & Industry DB

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0019930603 **Supplier Number:** 76939371 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Program Lends Students a "Hand" in Exploring Universe.(Hands-On Universe program)

GEO World , 14 , 6 , 11

June , 2001

ISSN: 0897-5507

Language: English

Record Type: Fulltext

Word Count: 1055 **Line Count:** 00090

...data that have instrument noise (e.g., stray photons, cosmic ray "glitches," etc.); view celestial **objects** in 3-D; plot surfaces; **measure** alignment between **images** to **compare** movement in the same part of the sky on multiple days; measure brightness; apply filtering...

10/3,K/8 (Item 2 from file: 148) [Links](#)

Gale Group Trade & Industry DB

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0019789681 **Supplier Number: 78630842 (USE FORMAT 7 OR 9 FOR FULL TEXT)**

Competitiveness of Foreign Products as Perceived by Consumers in the Emerging Indian Market.(Statistical Data Included)

Bandyopadhyay, Soumava

Global Competitiveness , 7 , 1 , 196

Annual , 1999

Document Type: Statistical Data Included

ISSN: 1071-0736

Language: English

Record Type: Fulltext

Word Count: 4214 **Line Count:** 00397

...products shared the second place, followed by South Korea, Britain and India, respectively.

TABLE 3

Comparison of Product Image Perceptions (Measure: IMAGE)

Rank (*)	1	2	2	4	5	6
Country	Japan	United States...	Germany	S.	Britain	India

10/3,K/9 (Item 3 from file: 148) [Links](#)

Gale Group Trade & Industry DB

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07617778 **Supplier Number: 16498085 (USE FORMAT 7 OR 9 FOR FULL TEXT)**

Multi-media; virtual reality or pipe dream - the future for different operator interfaces is closer than you might think.

Hoggard, Nick

Control and Instrumentation , v26 , n10 , p27(2)

Oct , 1994

ISSN: 0010-8022

Language: ENGLISH

Record Type: FULLTEXT

Word Count: 1836 Line Count: 00139

...be a better alternative than a conventional sensor array. Enhanced video could be used for **measuring** distances, **comparing** **objects** (correlation) and detection (recognition). Also, **images** could be automatically compared.

The advantage of video on the operator station is that images...

10/3,K/10 (Item 4 from file: 148) [Links](#)

Gale Group Trade & Industry DB

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04165556 Supplier Number: 08985739 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Geometric lens measurement. (Designer's Handbook)

Carellas, Peter; Fantone, Stephen D.

Photonics Spectra , v23 , n8 , p75(4)

August , 1989

ISSN: 0731-1230

Language: ENGLISH

Record Type: FULLTEXT

Word Count: 2375 Line Count: 00194

...mechanical surface to the focal plane are the back and flange focal lengths.

Magnification and **object/image** conjugate distances

Magnification is **measured** by analyzing the **image** size

compared to the source, which is usually a pair of oriented slits.

Conjugates and the total...

10/3,K/11 (Item 1 from file: 275) [Links](#)

Gale Group Computer DB(TM)

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01500404 Supplier Number: 11965391 (Use Format 7 Or 9 For FULL TEXT)

NetVision: Welcome aboard? (NetVision 2.0 from Fresh Technology Company) (Software Review) (Evaluation)

Cavanagh, Jim

LAN Technology , v8 , n3 , p77(5)

March , 1992

Document Type: Evaluation

ISSN: 1042-4695

Language: ENGLISH **Record Type:** FULLTEXT; ABSTRACT

Word Count: 3359 **Line Count:** 00280

...3) and compare and contrast performance of NetWare 2.1x and NetWare 3.1x servers" (item 4) as **measurement** and analysis. "Quickly and **graphically compare** the performance of multiple servers" (item 2), "easily print graphs, charts and reports" (item 5), 'export historical data" (item 6), and...

10/3,K/12 (Item 2 from file: 275) [Links](#)

Gale Group Computer DB(TM)

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01313900 **Supplier Number:** 07682888 (Use Format 7 Or 9 For FULL TEXT)

How well do 'real world' statistics measure up? (evaluating software performance on live systems)

Bloor, Robin

DEC User , p25(3)

August , 1989

ISSN: 0263-6530

Language: ENGLISH **Record Type:** FULLTEXT; ABSTRACT

Word Count: 1776 **Line Count:** 00136

...of software products, even in the UK.

Terminals per Vup is certainly not an ideal **measure** to **compare** software **products**. However, the **picture** that emerges is not surprising and may not be too inaccurate if the results based...

10/3,K/13 (Item 1 from file: 647) [Links](#)

CMP Computer Fulltext

(c) 2007 CMP Media, LLC. All rights reserved.

01016219 **CMP Accession Number:** EET19940502S1502

IC tools target submicron

RICHARD GOERING

ELECTRONIC ENGINEERING TIMES , 1994 , n 795 , 82

Publication Date: 940502

Journal Code: EET **Language:** English

Record Type: Fulltext

Section Heading: Design: solid state

Word Count: 861

...Users then read in measured data and execute their plans, while running HSpice optimizations in **order** to verify models vs. **measured** data. A **graphical comparison** of I-V curves shows whether a close enough fit is achieved. If not, users...

10/3,K/14 (Item 2 from file: 647) [Links](#)

CMP Computer Fulltext

(c) 2007 CMP Media, LLC. All rights reserved.

00615967 **CMP Accession Number:** CWK19881114S0826

Picturing An International Standard

JOHN J. WALSH

COMMUNICATIONSWEEK, 1988, n 222, 20

Publication Date: 881114

Journal Code: CWK **Language:** English

Record Type: Fulltext

Section Heading: 222PG20A

Word Count: 818

...are the encoder-decoders that make cost-efficient video communication possible. The first of these **products** offered **picture** quality that was **measurably** superior **compared** with the COST 211 codecs.

Instead of establishing a worldwide standard, COST 211 split the...

10/3,K/15 (Item 3 from file: 647) [Links](#)

CMP Computer Fulltext

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00615729 **CMP Accession Number:** CWK19881121S0588

Work May Focus Global Videoconferences

JOHN J. WALSH

COMMUNICATIONSWEEK INTERNATIONAL, 1988, n 006, 11

Publication Date: 881121

Journal Code: CWI **Language:** English

Record Type: Fulltext

Section Heading: 006PG11

Word Count: 712

...that make cost-efficient video communications possible-already had been introduced. The first of these **products** offered **picture** quality that was **measurably** superior **compared** with the COST 211 codecs.

Set	Items	Description
S1	1030	(SUPERIMPOS? OR IMPOSE OR PLACE()UPON OR SET()OVER OR SET()ABOVE OR LAY() (?ON? OR DOWN OR ABOVE OR OVER) OR INCORPORATE()INTO OR SEEN(2N) (ONCE OR SAME()TIME OR TOGETHER)) (5N) (RULER? ? OR YARDSTICK? ? OR MEASUR??? OR SCALE) FROM 348, 349
S2	89942	S (COMMODIT? OR MARCHANDI? OR PRODUCT? ? OR ITEM? ? OR ORDER? OR GOODS OR STOCK OR THING? ? OR OBJECT? ?) (2N) (IMAGE? OR GRAPHIC? OR PICTURE? ? OR ILLUSTRAT? OR ((ELECTRONIC OR E OR ONLINE OR ON()LINE OR INTERNET OR MACHINE()READABLE OR DIGITAL OR DIGITALI??? OR COMPUTERI? OR PIXEL OR VECTOR) (5N) (IMAGE? ? OR PICTURE? OR GRAPHIC? OR PHOTOGRAPH??? OR PHOTO? ?)))
S3	2	S S1(5N)S2
S4	284108	S (IMAGE? OR GRAPHIC? OR PHOTO? OR PICTURE? ? OR DEPICTION? OR JPG OR JPEG OR GIF OR BMP OR BITMAP OR ILLUSTRAT? OR REPRESENTATION? ? OR PORTRAY??? OR VISUAL? OR PHOTOGRAPH?? OR BITMAP OR PNG OR TIF OR TIFF OR PICT OR TGA OR ((ELECTRONIC OR E OR ONLINE OR ON()LINE OR INTERNET OR MACHINE()READABLE OR DIGITAL OR DIGITALI??? OR COMPUTERI? OR PIXEL OR VECTOR) (5N) (IMAGE? ? OR PICTURE? OR GRAPHIC? OR PHOTOGRAPH??? OR PHOTO? ?))) (3N) (COMMODIT? OR MARCHANDI? OR PRODUCT? ? OR ITEM? ? OR ORDER? OR GOODS OR WARE OR WARES OR ARTICLE? ? OR PIECE? ? OR STOCK OR ARTICLE? ? OR THING? ? OR OBJECT? ? OR PHOTO? ? OR PHOTOGRAPH? ? OR SOUVENIR? OR MEMORABILIA)
S5	15	S S4(5N)S1
S6	8	S S5 NOT AD=20010101:20070404
S7	8	IDPAT (sorted in duplicate/non-duplicate order)
S8	6	IDPAT (primary/non-duplicate records only)
S9	8	(COMMODIT? OR MARCHANDI? OR PRODUCT? ? OR ITEM? ? OR ORDER? OR GOODS OR STOCK OR THING? ? OR OBJECT? ?) (2N) (IMAGE? OR GRAPHIC? OR PICTURE? ? OR ILLUSTRAT? OR ((ELECTRONIC OR E OR ONLINE OR ON()LINE OR INTERNET OR MACHINE()READABLE OR DIGIT
S10	2	S S9 NOT AD=20010101:20070404

; show files

[File 348] **EUROPEAN PATENTS 1978-2007/ 200715**

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**File 348: For important information about IPCR/8 and forthcoming changes to the IC= index, see HELP NEWSIPCR.*

[File 349] **PCT FULLTEXT 1979-2007/UB=20070412UT=20070305**

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**File 349: For important information about IPCR/8 and forthcoming changes to the IC= index, see HELP NEWSIPCR.*

3/5/1 (Item 1 from file: 348) [Links](#)

EUROPEAN PATENTS

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01044892

A method for collecting and transporting groups of partly superimposed postal objects

Verfahren zur Sammlung und zum Transport von Gruppen teilweise uberlappender Poststucke

Procede de collecte et de transport de groupes d'objets postaux partiellement superposes

Patent Assignee:

- **ELSAG SPA; (2605690)**
Via G. Puccini, 2; 16154 Genova; (IT)
(Proprietor designated states: all)

Inventor:

- **De Leo, Guido**
Via Napoli , 57/3; 16134 Genova; (IT)
- **Solari, Stefano**
Via Fereggiano, 173/21; 16144 Genova; (IT)

Legal Representative:

- **Franzolin, Luigi et al (76311)**
STUDIO TORTA S.r.l., Via Viotti, 9; 10121 Torino; (IT)

	Country	Number	Kind	Date	
Patent	EP	923997	A2	19990623	(Basic)
	EP	923997	A3	20000419	
	EP	923997	B1	20040331	
Application	EP	98123908		19981216	
Priorities	IT	97TO1106		19971217	

Designated States:

DE; ES; FR; GB; IT;

Extended Designated States:

AL; LT; LV; MK; RO; SI;

International Patent Class (V7): B07C-003/02; B07C-001/02; B65H-029/66**CITED PATENTS: (EP B)**

EP 654309 A; EP 804975 A; US 5143225 A; US 5346072 A; **Abstract** EP 923997 A2

A device for collecting and transporting groups of partly superimposed postal objects, aligned along a transport direction and having front edges spaced from each other. The device includes a plurality of first transport modules (5) receiving as input (5i) groups of partly superimposed postal objects (lbs), and supplying these objects as output to a transport system (12), in particular, a loop transport system in communication with inlets (20i) of second

transport modules (5). The transport system (12) is coupled with a control unit (30, 7, 34) to receive a group of partly superimposed postal objects output from any first source module (50), and supplying it to any second destination transport module (20, 22).

Abstract Word Count: 113

NOTE: 1 2

NOTE: Figure number on first page: 1 2

Type	Pub. Date	Kind	Text
Examination:	20001122	A2	Date of request for examination: 20000912
Change:	20000419	A2	International Patent Classification changed: 20000226
Oppn None:	20050323	B1	No opposition filed: 20050104
Grant:	20040331	B1	Granted patent
Application:	19990623	A2	Published application (A1with;A2without)
Search Report:	20000419	A3	Separate publication of the search report

Publication: English

Procedural: English

Application: Italian

Available Text	Language	Update	Word Count
CLAIMS A	(English)	199925	1673
SPEC A	(English)	199925	6010
CLAIMS B	(English)	200414	1673
CLAIMS B	(German)	200414	1503
CLAIMS B	(French)	200414	1729
SPEC B	(English)	200414	6017
Total Word Count (Document A) 7684			
Total Word Count (Document B) 10922			
Total Word Count (All Documents) 18606			

3/5/2 (Item 1 from file: 349) [Links](#)

PCT FULLTEXT

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01415727

BIOLUMINESCENCE RESONANCE ENERGY TRANSFER (BRET) SYSTEMS AND METHODS OF USE THEREOF

SYSTEMES DE TRANSFERT D'ENERGIE DE RESONANCE DE BIOLUMINESCENCE (BRET) ET LEURS PROCEDES D'UTILISATION

Patent Applicant/Patent Assignee:

- **STANFORD UNIVERSITY**; 1705 El Camino Real, Palo Alto, California 94306-1106
US; US (Residence); US (Nationality)
(For all designated states except: US)

- **GAMBHIR Sanjiv S**; 395 Golden Hills Drive, Portolla Valley, California 94028
US; US (Residence); US (Nationality)
(Designated only for: US)
- **DE Abhijit**; 2645 California Street, Mountain View, California 94040
US; US (Residence); IN (Nationality)
(Designated only for: US)

Patent Applicant/Inventor:

- **GAMBHIR Sanjiv S**
395 Golden Hills Drive, Portolla Valley, California 94028; US; US (Residence); US (Nationality); (Designated only for: US)
- **DE Abhijit**
2645 California Street, Mountain View, California 94040; US; US (Residence); IN (Nationality); (Designated only for: US)

Legal Representative:

- **LINDER Christopher B(agent)**
Thomas, Kayden, Horstemeyer & Risley, LLP, 100 Galleria Parkway, Suite 1750, Atlanta, Georgia 30339; US;

	Country	Number	Kind	Date
Patent	WO	200699160	A2	20060921
Application	WO	2006US8632		20060310
Priorities	US	2005660892		20050311
	US	2005714969		20050907
	US	2006373679		20060310

Designated States: (All protection types applied unless otherwise stated - for applications 2004+)

AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG;
BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU;
CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI;
GB; GD; GE; GH; GM; HR; HU; ID; IL; IN;
IS; JP; KE; KG; KM; KN; KP; KR; KZ; LC;
LK; LR; LS; LT; LU; LV; LY; MA; MD; MG;
MK; MN; MW; MX; MZ; NA; NG; NI; NO; NZ;
OM; PG; PH; PL; PT; RO; RU; SC; SD; SE;
SG; SK; SL; SM; SY; TJ; TM; TN; TR; TT;
TZ; UA; UG; US; UZ; VC; VN; YU; ZA; ZM;
ZW;

[EP] AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;
FI; FR; GB; GR; HU; IE; IS; IT; LT; LU;
LV; MC; NL; PL; PT; RO; SE; SI; SK; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW;
ML; MR; NE; SN; TD; TG;

[AP] BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL;
SZ; TZ; UG; ZM; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

IPC	Level	Value	Position	Status	Version	Action	Source	Office
C12Q-0001/66	A	I	F	B	20060101		H	US

Publication Language: English

Filing Language: English

Fulltext word count: 28104

English Abstract:

Briefly described, embodiments of this disclosure include bioluminescence resonance energy transfer (BRET) systems, methods of detecting a protein-protein interaction, noninvasive methods for detecting the interaction of a first protein with a second protein within a living animal, methods to determine the efficacy of a test compound administered to modulate the interaction of a first protein with a second protein in a living animal, BRET vectors, kits relating to each of the above, transgenic cell or progeny thereof and/or animals relating to each of the above, and the like.

French Abstract:

Les modes de realisation de cette invention comprennent, decrits brievement, des systemes de transfert d'energie de resonance de bioluminescence (BRET), des procedes de detection d'une interaction proteine-proteine, des procedes non invasifs de detection de l'interaction d'une premiere proteine avec une seconde proteine chez un animal vivant, des procedes de determination de l'efficacite d'un compose d'essai administre pour moduler l'interaction d'une premiere proteine avec une seconde proteine chez un animal vivant, des vecteurs BRET, des kits relatifs a chacun des points precites, une cellule transgenique ou sa descendance et/ou des animaux en rapport avec chacun des points precites, et analogues.

Type	Pub. Date	Kind	Text
Publication	20060921	A2	Without international search report and to be republished upon receipt of that report.

8/5/1 (Item 1 from file: 348) [Links](#)

EUROPEAN PATENTS

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00786645

LOW GAUGE FILMS AND FILM/NONWOVEN LAMINATES

FOLIEN GERINGER DICKE UND FOLIEN/VLIESTOFFLAMINATE

FILMS MINCES ET PRODUITS STRATIFIES LES ASSOCIANT A DES NON TISSES

Patent Assignee:

- **Kimberly-Clark Worldwide, Inc.;** (2258251)
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(Proprietor designated states: all)

Inventor:

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1265 Poplar Grove Lane; Cumming, GA 30131; (US)
- **HETZLER, Kevin, George**
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Legal Representative:

- **DIEHL GLAESER HITTL & PARTNER (100237)**
Patentanwalte Augustenstrasse 46; 80333 Munchen; (DE)

	Country	Number	Kind	Date	
Patent	EP	799128	A2	19971008	(Basic)
	EP	799128	B1	20040331	
	WO	1996019346		19960627	
Application	EP	95944163		19951219	
	WO	95US16624		19951219	
Priorities	US	359986		19941220	

Designated States:

BE; DE; ES; FR; GB; IT; NL; SE;

International Patent Class (V7): B32B-007/00; B32B-027/12; A61F-013/15; A41D-013/12; A61B-019/08**CITED PATENTS: (EP B)**

EP 247897 A; EP 329377 A; EP 347745 A; GB 1453649 A; US 4734324 A; US 5261889 A;

NOTE: No A-document published by EPO

Type	Pub. Date	Kind	Text
Change:	20040310	A2	Title of invention (German) changed: 20040122
Application:	19960925	A	International application (Art. 158(1))
Oppn None:	20050323	B1	No opposition filed: 20050104

Lapse:	20040929	B1	Date of lapse of European Patent in a contracting state (Country, date): SE 20040630,
Grant:	20040331	B1	Granted patent
Lapse:	20040929	B1	Date of lapse of European Patent in a contracting state (Country, date): SE 20040630,
Lapse:	20050105	B1	Date of lapse of European Patent in a contracting state (Country, date): BE 20040331, SE 20040630,
Application:	19971008	A2	Published application (A1with;A2without)
Examination:	19971008	A2	Date of filing of request for examination: 970613
Examination:	19991229	A2	Date of dispatch of the first examination report: 19991111

Publication: English

Procedural: English

Application: English

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200414	746
CLAIMS B	(German)	200414	667
CLAIMS B	(French)	200414	800
SPEC B	(English)	200414	7198
Total Word Count (Document A) 0			
Total Word Count (Document B) 9411			
Total Word Count (All Documents) 9411			

8/5/2 (Item 2 from file: 348) [Links](#)

EUROPEAN PATENTS

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00417409

Display device

Sichtanzeigegerat

Unite d'affichage

Patent Assignee:

- **CANON KABUSHIKI KAISHA;** (542361)
30-2, 3-chome, Shimomaruko, Ohta-ku; Tokyo; (JP)
(applicant designated states: DE;FR;GB)

Inventor:

- **Harada, Yoshihito, c/o Canon Kabushiki Kaisha**
Tamagawa-Jigyosho, 770, Shomonoge, Takatsu-ku; Kawasaki-shi, Kanagawa-ken; (JP)

Legal Representative:

CLAIMS B	(English)	EPAB95	794
CLAIMS B	(German)	EPAB95	679
CLAIMS B	(French)	EPAB95	851
SPEC B	(English)	EPAB95	4626
Total Word Count (Document A) 5480			
Total Word Count (Document B) 6950			
Total Word Count (All Documents) 12430			

8/5/3 (Item 3 from file: 348) [Links](#)

EUROPEAN PATENTS

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00401343

Light-sensitive composition and presensitized plate for use in making lithographic printing plates.

Lichtempfindliche Zusammensetzung und vorsensibilisierte Platten, verwendbar bei der Herstellung von lithographischen Druckplatten.

Composition photosensible et plaques presensibilisees utilisables pour la fabrication de plaques lithographiques.

Patent Assignee:

- **Fuji Photo Film Co., Ltd.;** (202402)
210 Nakanuma Minamiashigara-shi; Kanagawa-ken; (JP)
(applicant designated states: DE;GB)

Inventor:

- **Kamiya, Akihiko, c/o Fuji Photo Film Co., Ltd.**
4000, Kawashiri, Yoshida-cho; Haibara-gun, Shizuoka-ken; (JP)
- **Koike, Akinobu, c/o Fuji Photo Film Co., Ltd.**
4000, Kawashiri, Yoshida-cho; Haibara-gun, Shizuoka-ken; (JP)
- **Imai, Masanori, c/o Fuji Photo Film Co., Ltd.**
4000, Kawashiri, Yoshida-cho; Haibara-gun, Shizuoka-ken; (JP)

Legal Representative:

- **Blake, John Henry Francis et al (28371)**
BROOKES AND MARTIN High Holborn House 52/54 High Holborn; London WC1V 6SE; (GB)

	Country	Number	Kind	Date	
Patent	EP	399755	A1	19901128	(Basic)
	EP	399755	B1	19940330	
Application	EP	90305481		19900521	
Priorities	JP	89130493		19890524	
	JP	89137890		19890531	
	JP	89137891		19890531	

Designated States:

DE; GB;

International Patent Class (V7): G03F-007/021; ; **CITED PATENTS: (EP A)**DE 3813457 A; DE 2041395 A; DE 3633456 A; DE 3812278 A; DE 3907820 A; **Abstract** EP 399755 A1

Disclosed is a novel diazo resin which has at least one repeating unit represented by the following general formula (I): (see image in original document) wherein R(sup 1) represents a hydrogen atom, an alkyl group or an alkoxy group, a hydroxyl group, a carboxy ester group or a carboxyl group; R(sup 2) represents a carboxyl group or a group having at least one carboxyl group; R(sup 3) and R(sup 4) each represents a hydrogen atom or an alkyl group or an alkoxy group; X (sup -) represents an anion; and Y represents -NH-, -O- or -S-. The diazo resin is useful for a presensitized plate for use in making a lithographic printing plate when it is incorporated into a light-sensitive layer or an underlayer on a substrate. According to the present invention, a presensitized plate using the diazo resin has excellent properties such as high sensitivity, good adhesion between the substrate and the light-sensitive layer and can thus provide a lithographic printing plate having a high printing durability and free of background contamination.

Abstract Word Count: 177

Type	Pub. Date	Kind	Text
Application:	19901128	A1	Published application (A1with;A2without)
Examination:	19910410	A1	Date of filing of request for examination: 910212
Examination:	19930915	A1	Date of despatch of first examination report: 930803
Grant:	19940330	B1	Granted patent
Oppn None:	19950322	B1	No opposition filed

Publication: English

Procedural: English

Application: English

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	2052
CLAIMS B	(German)	EPBBF1	1820
CLAIMS B	(French)	EPBBF1	2458
SPEC B	(English)	EPBBF1	15514
Total Word Count (Document A) 0			
Total Word Count (Document B) 21844			
Total Word Count (All Documents) 21844			

8/5/4 (Item 4 from file: 348) [Links](#)

EUROPEAN PATENTS

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00201595

Interferometric mask-wafer alignment.

Interferometrische Maskensubstratausrichtung.

Abstract Word Count: 217

Type	Pub. Date	Kind	Text
Application:	19871104	A1	Published application (A1with;A2without)
Examination:	19880420	A1	Date of filing of request for examination: 880224
Change:	19880928	A1	Representative (change).
Examination:	19900919	A1	Date of despatch of first examination report: 900807
Change:	19910206	A1	Representative (change)
Grant:	19911127	B1	Granted patent
Oppn None:	19921119	B1	No opposition filed
Lapse:	19991020	B1	Date of lapse of European Patent in a contracting state (Country, date): IT 19911127,

Publication: English

Procedural: English

Application: English

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	791
CLAIMS B	(German)	EPBBF1	492
CLAIMS B	(French)	EPBBF1	553
SPEC B	(English)	EPBBF1	2708
Total Word Count (Document A) 0			
Total Word Count (Document B) 4544			
Total Word Count (All Documents) 4544			

8/5/5 (Item 5 from file: 349) [Links](#)

PCT FULLTEXT

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00468334

LOW GAUGE FILMS AND FILM/NONWOVEN LAMINATES

FILMS MINCES ET PRODUITS STRATIFIES LES ASSOCIANT A DES NON TISSES

Patent Applicant/Patent Assignee:

- **KIMBERLY-CLARK WORLDWIDE INC;**

;;

	Country	Number	Kind	Date
Patent	WO	9858799	A1	19981230
Application	WO	98US11699		19980605
Priorities	US	97882712		19970625

Designated States: (All protection types applied unless otherwise stated - for applications 2004+)

Main International Patent Classes (Version 7):

IPC	Level
B32B-027/20	Main
B32B-05:26	
B32B-33:00	
C08L-23:14	
C08J-05:18	

Publication Language: English

Filing Language:

Fulltext word count: 10187

English Abstract:

Disclosed herein is a low gauge, multilayer film which may be laminated to other materials such as, for example, fibrous nonwoven webs. The multilayer film may include one or more skin layers which in certain configurations comprise no more than about 15 percent of the overall thickness and in other configurations no more than about 10 percent of the overall thickness of the multilayer film. Such films and laminates have a wide variety of uses including, but not limited to, personal care absorbent products, articles of clothing and health care related items such as surgical drapes and gowns.

French Abstract:

L'invention concerne un film multicouche mince pouvant etre stratifie avec d'autres materiaux, notamment des non tisses fibreux. Ledit film comporte une ou plusieurs couches exterieures, qui, dans certaines configurations, representent pas plus de 15 pour cent environ de l'epaisseur totale du film, et dans d'autres, pas plus de 10 pour cent environ. Ces films et ces produits stratifies ont une grande variete d'applications, parmi lesquelles, sans caractere limitatif, les produits absorbants d'hygiene corporelle, les tenues vestimentaires et articles a usage medical, tels que les champs operatoires et les blouses de chirurgien.

8/5/6 (Item 6 from file: 349) [Links](#)

PCT FULLTEXT

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00336834

LOW GAUGE FILMS AND FILM/NONWOVEN LAMINATES

FILMS MINCES ET PRODUITS STRATIFIES LES ASSOCIANT A DES NON TISSES

Patent Applicant/Patent Assignee:

- **KIMBERLY-CLARK CORPORATION;**

;;

10/5/1 (Item 1 from file: 348) [Links](#)

EUROPEAN PATENTS

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00223081

Improved zeolite L.

L-Zeolith.

Zeolite L.

Patent Assignee:

- **EXXON CHEMICAL PATENTS INC.;** (662621)
200 Park Avenue; Florham Park New Jersey 07932; (US)
(applicant designated states: AT;BE;CH;DE;ES;FR;GB;IT;LI;LU;NL;SE)

Inventor:

- **Verduijn, Johannes Petrus**
Westersingel 34; NL-3202 XL Spijkenisse; (NL)

Legal Representative:

- **Northover, Robert Frank et al (34395)**
ESSO Chemical Limited Esso Chemical Research Centre P.O. Box 1; Abingdon Oxfordshire, OX13 6BB; (GB)

	Country	Number	Kind	Date	
Patent	EP	219354	A2	19870422	(Basic)
	EP	219354	A3	19890215	
	EP	219354	B1	19920729	
Application	EP	86308008		19861015	
Priorities	GB	8525404		19851015	

Designated States:

AT; BE; CH; DE; ES; FR; GB; IT; LI; LU;
NL; SE;

International Patent Class (V7): C01B-033/34; B01J-029/28; C07C-005/41; C07C-005/22; **CITED PATENTS:**
(EP A)

EP 96379 A; EP 142355 A; EP 167755 A; **Abstract** EP 219354 A2

Zeolite L with cylindrical morphology and with flat basal planes, and reduced crystallite size is prepared in a synthesis modified by the addition of small amounts of additional metal such as magnesium, calcium, barium, cobalt, zinc, chromium, manganese or nickel. The addition of these metals also suppresses unwanted zeolite W formation even when the synthesis would otherwise form this zeolite.

Use in catalytic compositions, especially in the dehydrocyclisation and/or isomerisation of aliphatic hydrocarbons.

Abstract Word Count: 77

Type	Pub. Date	Kind	Text
Application:	19870422	A2	Published application (A1with;A2without)
Examination:	19871111	A2	Date of filing of request for examination: 861107
Change:	19871111	A2	Designated Contracting States (change)
Search Report:	19890215	A3	Separate publication of the European or International search report
Examination:	19901114	A2	Date of despatch of first examination report: 901002
Grant:	19920729	B1	Granted patent
Lapse:	19930310	B1	Date of lapse of the European patent in a Contracting State: CH 920729, LI 920729
Lapse:	19930317	B1	Date of lapse of the European patent in a Contracting State: CH 920729, LI 920729, SE 920729
Lapse:	19930414	B1	Date of lapse of the European patent in a Contracting State: AT 920729, CH 920729, LI 920729, SE 920729
Oppn None:	19930721	B1	No opposition filed
Lapse:	19991229	B1	Date of lapse of European Patent in a contracting state (Country, date): AT 19920729, CH 19920729, LI 19920729, LU 19921031, SE 19920729,

Publication: English

Procedural: English

Application: English

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	1066
CLAIMS B	(German)	EPBBF1	849
CLAIMS B	(French)	EPBBF1	942
SPEC B	(English)	EPBBF1	7137
Total Word Count (Document A) 0			
Total Word Count (Document B) 9994			
Total Word Count (All Documents) 9994			

10/5/2 (Item 1 from file: 349) [Links](#)

PCT FULLTEXT

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00134652

DEVICE FOR AUTOMATICALLY DETERMINING THE DEVIATION BETWEEN THE STRUCTURES OF A PATTERN AND THOSE OF AN OBJECT COMPARED THEREWITH
DISPOSITIF POUR DETERMINER AUTOMATIQUEMENT L'ECART ENTRE LES STRUCTURES D'UN MODELE ET CELLES D'UN OBJET COMPARE

Patent Applicant/Patent Assignee:

- **ERNST LEITZ WETZLAR GMBH;**
;;
- **SCHUSTER Erich;**
;;
- **KARTZOW Manfred;**
;;

	Country	Number	Kind	Date
Patent	WO	8607169	A1	19861204
Application	WO	86DE157		19860410
Priorities	DE	3518043		19850520

Designated States: (All protection types applied unless otherwise stated - for applications 2004+)

Main International Patent Classes (Version 7):

IPC	Level
G03B-041/00	Main
G03F-09:00	

Publication Language: German

Filing Language:

Fulltext word count: 2789

English Abstract:

A device for automatically determining the deviation between the structures of a pattern and those of an object compared therewith, in which the structures to be compared are viewed **superimposed** on a measurement gap, whereby a polarisation characteristic is given to the individual **picture** channels. As the result of the relative movement between the **superimposed object picture** and the measurement gap, and the subsequent separation of the **picture** channels according to their polarization characteristic, photometric signal curves are obtained from which errors in the overlap of the structures can be quantitatively determined. By introducing a picture rotation prism, measurements can be made in two co-ordinate directions. In a branched observation beam path the polarization characteristic is converted into a colour characteristic, so that an additional representation of the combined picture of the structure overlap is produced. The photometric scanning range can be made visible by back-lighting of the measurement gap and reflection into the observation beam path.

French Abstract:

Un dispositif pour determiner l'ecart entre les structures d'un modele et celles d'un objet compare, dans lequel les structures a comparer sont observees par superposition dans un espace de mesure, ou une caracteristique de polarisation est transmise aux differents canaux d'images. Grace au mouvement relatif entre l'usinage de l'objet superposee et l'espace de mesure et la separation consecutive des canaux d'images selon leur caracteristique de polarisation, on obtient des courbes de signaux photometriques, a partir desquelles on peut determiner quantitativement des erreurs de superposition des structures. En introduisant un prisme de rotation des images, on

peut effectuer des mesures dans deux directions coordonnees: dans une trajectoire de faisceau d'observation derivee, la caracteristique de polarisation est convertie en une caracteristique de couleur, de sorte qu'une representation supplementaire de l'image combinee de la superposition des structures est produite. La zone de balayage photometrique peut etre rendue visible par eclaireage vers l'arriere de l'espace de mesure et reflexion dans la trajectoire du faisceau d'observation.

Set	Items	Description
S1	751	(SUPERIMPOS? OR IMPOSE OR PLACE()UPON OR SET()OVER OR SET()ABOVE OR LAY() (?ON? OR DOWN OR ABOVE OR OVER) OR INCORPORATE()INTO OR SEEN(2N) (ONCE OR SAME()TIME OR TOGETHER)) (5N) (RULER? ? OR YARDSTICK? ? OR MEASUR??? OR SCALE) FROM 350, 347
S2	73269	S (COMMODIT? OR MARCHANDI? OR PRODUCT? ? OR ITEM? ? OR ORDER? OR GOODS OR STOCK OR THING? ? OR OBJECT? ?) (2N) (IMAGE? OR GRAPHIC? OR PICTURE? ? OR ILLUSTRAT? OR ((ELECTRONIC OR E OR ONLINE OR ON()LINE OR INTERNET OR MACHINE()READABLE OR DIGITAL OR DIGITALI??? OR COMPUTERI? OR PIXEL OR VECTOR) (5N) (IMAGE? ? OR PICTURE? OR GRAPHIC? OR PHOTOGRAPH??? OR PHOTO? ?)))
S3	4	S S1(5N)S2
S4	4	S S3 NOT PY>2001
S5	4	IDPAT (primary/non-duplicate records only)
S6	620023	S (IMAGE? OR GRAPHIC? OR PHOTO? OR PICTURE? ? OR DEPICTION? OR JPG OR JPEG OR GIF OR BMP OR BITMAP OR ILLUSTRAT? OR REPRESENTATION? ? OR PORTRAY??? OR VISUAL? OR PHOTOGRAPH?? OR BITMAP OR PNG OR TIF OR TIFF OR PICT OR TGA OR ((ELECTRONIC OR E OR ONLINE OR ON()LINE OR INTERNET OR MACHINE()READABLE OR DIGITAL OR DIGITALI??? OR COMPUTERI? OR PIXEL OR VECTOR) (5N) (IMAGE? ? OR PICTURE? OR GRAPHIC? OR PHOTOGRAPH??? OR PHOTO? ?))) (3N) (COMMODIT? OR MARCHANDI? OR PRODUCT? ? OR ITEM? ? OR ORDER? OR GOODS OR WARE OR WARES OR ARTICLE? ? OR PIECE? ? OR STOCK OR ARTICLE? ? OR THING? ? OR OBJECT? ? OR PHOTO? ? OR PHOTOGRAPH? ? OR SOUVENIR? OR MEMORABILIA)
S7	9	S S6(5N)S1
S8	141	S (COMMODIT? OR MARCHANDI? OR PRODUCT? ? OR ITEM? ? OR ORDER? OR GOODS OR STOCK OR THING? ? OR OBJECT? ?) (2N) (IMAGE? OR GRAPHIC? OR PICTURE? ? OR ILLUSTRAT? OR ((ELECTRONIC OR E OR ONLINE OR ON()LINE OR INTERNET OR MACHINE()READABLE OR DIGITAL OR DIGITALI??? OR COMPUTERI? OR PIXEL OR VECTOR) (5N) (IMAGE? ? OR PICTURE? OR GRAPHIC? OR PHOTOGRAPH??? OR PHOTO? ?))) (3N) ((COMPARE? OR COMPARING OR COMPAR?) (5N) (RULER? ? OR SCALE OR MEASUR? OR YARDSTICK? ?))
S9	3	S8(S) (SUPERIMPOS? OR IMPOSE OR PLACE()UPON OR SET()OVER OR SET()ABOVE OR LAY() (?ON? OR DOWN OR ABOVE OR OVER) OR INCORPORATE()INTO OR SEEN(2N) (ONCE OR SAME()TIME OR TOGETHER)) FROM 350, 347
S10	12	S S7 OR S9
S11	8	S S10 NOT AD=20010101:20070404
S12	8	IDPAT (sorted in duplicate/non-duplicate order)
S13	8	IDPAT (primary/non-duplicate records only)
S14	5	S S13 NOT S5

; show files

[File 350] **Derwent WPIX** 1963-2007/UD=200724

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**File 350: DWPI has been enhanced to extend content and functionality of the database. For more info, visit <http://www.dialog.com/dwpi/>.*

[File 347] **JAPIO** Dec 1976-2006/Dec(Updated 070403)

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5/5/1 (Item 1 from file: 350) [Links](#)

Derwent WPIX

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0014512159 *Drawing available*

WPI Acc no: 2004-694093/200468

XRPX Acc No: N2004-550241

Rear side monitoring apparatus for vehicle, ship, superimposes photographed image of object and measured distance between object and vehicle, and displays superimposed image on display

Patent Assignee: SANYO ELECTRIC CO LTD (SAOL); SANYO MARUCHIMEDIA TOTTORI KK (SANY-N)

Inventor: KOTANI S

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 2004268861	A	20040930	JP 200365838	A	20030312	200468	B

Priority Applications (no., kind, date): JP 200365838 A 20030312

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
JP 2004268861	A	JA	5	6	

Alerting Abstract JP A

NOVELTY - A control unit superimposes the photographed image of an object by cameras and the measured distance between the object and the vehicle, and displays the superimposed image on display.

USE - For vehicle, ship used for monitoring object which exist in rear side.

ADVANTAGE - The rear side situation is confirmed quickly, thereby the collision with the object which exist in the rear side of the vehicle is prevented.

DESCRIPTION OF DRAWINGS - The figure shows the top view of the display. (Drawing includes non-English language text).

6 camera

B bumper

Title Terms /Index Terms/Additional Words: REAR; SIDE; MONITOR; APPARATUS; VEHICLE; SHIP; SUPERIMPOSED; PHOTOGRAPH; IMAGE; OBJECT; MEASURE; DISTANCE; DISPLAY

Class Codes

International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
B60R-021/00			Main		"Version 7"
B60R-001/00; H04N-007/18			Secondary		"Version 7"

File Segment: EngPI; EPI;
DWPI Class: W02; W06; X22; Q17
Manual Codes (EPI/S-X): W02-F01E; W06-B01B1; X22-E09

5/5/2 (Item 2 from file: 350) [Links](#)

Derwent WPIX

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0007834197 *Drawing available*

WPI Acc no: 1996-463286/199646

XRPX Acc No: N1996-390174

Large object dimensions optical measuring device - has object edge position measuring converter made in form of optical fibre fork with two ends coupled with objectives

Patent Assignee: VOLG POLY (VLPO)

Inventor: BOBKOV P P; SHILIN A N

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
RU 2054624	C1	19960220	SU 4924704	A	19910403	199646	B

Priority Applications (no., kind, date): SU 4924704 A 19910403

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
RU 2054624	C1	RU	5	6	

Alerting Abstract RU C1

Device consists of the optical-mechanical dimension setting unit equipped with the cone(1) having the screw transmission, levers(2) mounted on the common shaft, spring(3) connecting the lever free ends and two objectives(4) projecting the object edge images on the two aligned light-guide(5) face ends. The light- guide output ends are connected together and immovably mounted. The light guide-input ends are fixed on the lever(2) free ends together with the objectives(4). The light-guides form the optical fibre fork **superimposing the object edge images**. Scale with linear divisions is placed opposite the light guide(5) output ends. The cone(1) is displaced by the screw transmission and allows for the fixed size circle to be set.

When the optical-mechanical unit is set to measure a given object size the cone(1) displacement is realised. The cone moves the levers(2) by a fixed angle. The object size deflection from the nominal value is read from the linear scale(6) located opposite the coupled light-guide(5) ends.

USE/ADVANTAGE - Device is used to measure large object size by optical means. Its structure is simplified and hot and cold objects can be measured. Bul. 5/20.2.96

Title Terms /Index Terms/Additional Words: OBJECT; DIMENSION; OPTICAL; MEASURE; DEVICE; EDGE; POSITION; CONVERTER; MADE; FORM; FIBRE; FORK; TWO; END; COUPLE; OBJECTIVE

Class Codes

International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
G01B-021/00			Main		"Version 7"

File Segment: EPI;

DWPI Class: S02

Manual Codes (EPI/S-X): S02-A01C2; S02-A03B2; S02-A08B

5/5/3 (Item 3 from file: 350) [Links](#)

Derwent WPIX

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0005539190

WPI Acc no: 1991-143520/199120

XRPX Acc No: N1991-110363

Measuring actual size of object imaged on TV screen - superimposing scale picture upon stereoscopic image of object to adjust parallax through eyepiece NoAbstract Dwg 1/7

Patent Assignee: KIDO GIJUTU KENKYUS (KIDO-N)

Inventor: KIMURA K; SHIBANO T

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 3078606	A	19910403	JP 1989215460	A	19890821	199120	B

Priority Applications (no., kind, date): JP 1989215460 A 19890821

Title Terms /Index Terms/Additional Words: MEASURE; ACTUAL; SIZE ; OBJECT; IMAGE; TELEVISION; SCREEN; SUPERIMPOSED; SCALE; PICTURE; STEREOSCOPIC; ADJUST; PARALLAX; THROUGH; EYEPIECE; NOABSTRACT

Class Codes

International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
G01B-011/02; H04N-013/04			Secondary		"Version 7"

File Segment: EPI;

DWPI Class: S02; W02
Manual Codes (EPI/S-X): S02-A03B2; W02-F03B

5/5/4 (Item 4 from file: 347) [Links](#)
JAPIO

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06147327 **Image available**

IMAGE RECORDER FOR LINEAR SENSOR CAMERA

Pub. No.: 11-088867 [JP 11088867 A.]

Published: March 30, 1999 (19990330)

Inventor: SHINPO NAOYUKI
WATANABE HARUKI

Applicant: HITACHI DENSHI LTD

Application No.: 09-242813 [JP 97242813]

Filed: September 08, 1997 (19970908)

International Class: H04N-007/18; G01B-011/04; G01C-022/00; G09G-005/22; G09G-005/36; H04N-005/225

ABSTRACT

PROBLEM TO BE SOLVED: To display the **image** of an **object** on a video monitor while **superimposing** a **scale** and a character image related to a length orthogonal with that image by superimposing and synthesizing an image signal read from an image signal recording part and length information for measuring the size of the object from length data.

SOLUTION: The image signal of an object 1 picked up by a linear sensor camera 2 is inputted to an image recorder 4 for linear sensor, this image signal is read out and the image of the object 1 is displayed on a video monitor 5. Besides, the speed data of the object 1 detected by a speed sensor 3 are inputted to the image recorder 4 for linear sensor camera. At the image recorder 4 for linear sensor camera, the relative moving speed of the object 1 at the image pickup position of a linear sensor, namely, the moving distance of the object 1 in a main scanning cycle is arithmetically found and corresponding to the fetch of the image, the character of a length to the lateral axis of the image is generated from length data, which links the value of that moving distance to an image address, and displayed on the video monitor 5.

COPYRIGHT: (C)1999,JPO

14/5/1 (Item 1 from file: 350) [Links](#)

Derwent WPIX

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0005691809 *Drawing available*

WPI Acc no: 1991-303900/199142

XRPX Acc No: N1991-232758

Opto-electronic length measuring system esp. for OD of extrusions - compares image signal unaffected by measured object with amplified image signal and raises or lowers count,

Patent Assignee: VEB KOMB TECH GLAS ILMENAU (TEIL)

Inventor: GOELKER H; HERRMANN P; KIESSLING B; STAUDE U; WYSTUP P

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
DD 290258	A	19910523	DD 335349	A	19891207	199142	B

Priority Applications (no., kind, date): DD 335349 A 19891207

Alerting Abstract DD A

An image signal unaffected by a measured object is compared point by point with an amplified image signal. The counts in counters allocated to the image points are increased or reduced as a result of the comparison.

The counts are **superimposed** point by point on amplifiers as a gain factor. The amplified image signal is smoothed and digitalised in a low pass selected to omit the image point frequency of the line sensor.

ADVANTAGE - Avoids stochastic errors due to variable light sensitivity.

Title Terms /Index Terms/Additional Words: OPTO; ELECTRONIC; LENGTH; MEASURE; SYSTEM; OD; EXTRUDE; COMPARE; IMAGE; SIGNAL; UNAFFECTED; OBJECT; AMPLIFY; RAISE; LOWER; COUNT

Class Codes

International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
G01B-011/02			Secondary		"Version 7

File Segment: EPI;

DWPI Class: S02; S05

Manual Codes (EPI/S-X): S02-A03B3; S05-B; S05-D04

14/5/2 (Item 2 from file: 350) [Links](#)

Derwent WPIX

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0004598517 *Drawing available*

WPI Acc no: 1988-353748/198849

Dual wavelength holographic interferometry system - uses prism to form two different wavelengths of object beams and provide holographic images which are slight displace w.r.t. each other

Patent Assignee: NAT AERO & SPACE ADMIN (USAS)

Inventor: ECKER A; WITHEROW W K

Patent Family (2 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US N7149822	N	19881025	US 1988149822	A	19880129	198849	B
US 4810094	A	19890307	US 1988149822	A	19880129	198912	E

Priority Applications (no., kind, date): US 1988149822 A 19880129

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US N7149822	N	EN	11	2	
US 4810094	A	EN	4		

Alerting Abstract US N

In the holographic interferometry system a reference beam holographic is superimposed on an object beam. The object beam is an image obtained by passing a beam through an object regarding which some parameter (e.g. temperature gradient) is to be **measured**. A **photograph** of the **superimposed** beams is taken.

Two object (B) and two reference (A) beams are used. A prism assembly (C) causes the two different wavelengths (W1, W2) of the object beams to emerge from the prism at lightly different angles. Two holographic images which are slightly displaced from each other are obtained.

Title Terms /Index Terms/Additional Words: DUAL; WAVELENGTH; HOLOGRAM; INTERFEROMETER; SYSTEM; PRISM; FORM; TWO; OBJECT; BEAM; IMAGE; SLIGHT; DISPLACE

Class Codes

International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
G01B-009/02			Main		"Version 7"
G01B-009/025; G01P-000/01			Secondary		"Version 7"

US Classification, Issued: 356347000, 356361000

File Segment: EPI;

DWPI Class: S02; V07

Manual Codes (EPI/S-X): S02-A03; S02-C01X; V07-M

14/5/3 (Item 3 from file: 350) [Links](#)

Derwent WPIX

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0004353419 *Drawing available*

WPI Acc no: 1988-085924/198813

Photographic body size evaluation system - projects horizontal grid pattern image directly onto camera image plane

Patent Assignee: LANDWEHR U M (LAND-I)

Inventor: LANDWEHR U M; LANDWEHR W M

Patent Family (4 patents, 9 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
EP 261621	A	19880330	EP 1987113761	A	19870921	198813	B
DE 3632450	A	19880331	DE 3632450	A	19860924	198814	E
US 4845518	A	19890704	US 1987109080	A	19871016	198934	E
EP 261621	B	19920122	EP 1987113761	A	19870921	199204	E

Priority Applications (no., kind, date): EP 1987113761 A 19870921; DE 3632450 A 19860924

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
EP 261621	A	DE	7	4	
Regional Designated States,Original		AT BE CH FR GB LI NL SE			
US 4845518	A	EN	6		
EP 261621	B	EN			
Regional Designated States,Original		AT BE CH FR GB LI NL SE			

Alerting Abstract EP A

A photograph of the subject is taken alongside a measuring scale (5). A pattern of horizontal lines are projected at an angle from above onto the image of the subject being photographed. The line pattern is provided by a slide frame and a projector within the camera (1) itself, allowing the slide image to be projected directly onto the image plane (9) of the camera (1).

Pref. a semi-reflecting mirror (8) is positioned at 45 deg. between the camera taking lens (12) and the image plane (9) with the slide projector (7) positioned directly above it.

ADVANTAGE - Simplified camera operation, e.g. for use by relatively untrained staff.

Title Terms /Index Terms/Additional Words: PHOTOGRAPH; BODY; SIZE; EVALUATE; SYSTEM; PROJECT; HORIZONTAL; GRID; PATTERN; IMAGE; CAMERA; PLANE

Class Codes

International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
A61B-005/10			Main		"Version 7"
A61B-005/103; G01B-011/02; G01B-011/24; G03B-015/00; G03B-017/54; G03B-029/00; G03B-037/00			Secondary		"Version 7"

US Classification, Issued: 354077000

File Segment: EngPI; EPI;
DWPI Class: S02; P31; P82
Manual Codes (EPI/S-X): S02-A03B2

14/5/4 (Item 4 from file: 350) [Links](#)
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0002446626

WPI Acc no: 1982-A9672J/198250

Selection process for doors or windows for house renovation - comprises superimposing photographs on same scale photograph of house front

Patent Assignee: ELEMENTE BAU BECKMA (ELEM-N)
Inventor: WILLKE E

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
DE 3120617	A	19821209	DE 3120617	A	19810523	198250	B
			DE 3120617	A	19810523		

Priority Applications (no., kind, date): DE 3120617 A 19810523

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
DE 3120617	A	DE	8		

Alerting Abstract DE A

The arrangement is intended as an aid in selecting certain building elements, e.g. doors or window frames etc. to be used when renovating an existing house. The elements to be combined, e.g. the existing house frontage and a number of different doors, are photographed on the same scale and mounted or projected together to permit judging

the effect of different combinations.

The photographs may be colour transparencies, the door and window openings in the projected image being covered to permit projecting different doors and window frames, thus producing complete pictures.

Title Terms /Index Terms/Additional Words: SELECT; PROCESS; DOOR ; WINDOW; HOUSE; RENOVATE; COMPRISE; SUPERIMPOSED; PHOTOGRAPH; SCALE; FRONT

Class Codes

International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
G09F-0019/18	A	I		R	20060101
G09F-0019/12	C	I		R	20060101

File Segment: EngPI; ;
DWPI Class: P85

14/5/5 (Item 5 from file: 350) [Links](#)

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0001805866

WPI Acc no: 1979-F0387B/197923

Laser levelling instrument - has cubical prism splitting laser light between collimator aimed at reference level and pentagonal prism for continuous reference display

Patent Assignee: MOSC GEODESY AERIAL (MOGE-R)

Inventor: VASYUTINSK I Y U; VIKHREV V P; YAMBAEV K H K

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
SU 614666	A	19790118	SU 2371414	A	19760614	197923	B

Alerting Abstract SU A

The laser beam is used as a levelling instrument for accuracy. The reference level is continuously displayed in the field of vision and **superimposed** on the **image** of the **measured object**. The improvement is introduced by employing two collimating, telescopic systems matched by a light-splitting cubic prism.

A laser beam subdivided by the cubic prism (6) is directed towards a levelling rod by a horizontal collimator (5) and towards a scanning pentagonal prism (1) by a vertical collimator (4). The scanning prism is rotated by a motor with a speed of 10-12) revs per sec. The combined images can be observed through an eyepiece (12). Both light spots can be aligned by the adjusting screws (7) and (11).

Title Terms /Index Terms/Additional Words: LASER; LEVEL; INSTRUMENT; CUBE; PRISM; SPLIT; LIGHT;

COLLIMATE; AIM; REFERENCE; PENTAGON; CONTINUOUS; DISPLAY

Class Codes

International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
G01C-0005/00	A	I		R	20060101
G01C-0005/00	C	I		R	20060101

File Segment: EPI;
DWPI Class: S02